

Please amend the claims as follows:

1. An adjustment device for adjusting the position of at least one cutter [(S; S1, S2)] of a fine machining tool [, particularly a reamer,] with respect to a cutter support, [(ST; 1; 100; 200; 300; 6; 506), characterized in that] **the adjustment device comprising:**

the cutter support [(ST; 1; 100; 200; 300; 6; 506; 606)] borders at least one pressure chamber [(DK; DK1; DK2; 4; 104; 204; 304; 404; 504; 604)] which is arranged in the adjustment direction [(R; R1, R2)] of the cutter [(S; S1, S2)] with a displacement with respect to [it] **the cutter** and which is filled with a pressure means which can be placed under pressure with a pressure generation device, wherein

between the cutter [(S; S1, S2)] and the pressure chamber [(DK; DK1; DK2; 4; 104; 204; 304; 404; 504; 604),] a cutter support wall [(W)] remains which is elastically deformable upon application of pressure by the pressure transfer means to adjust the cutter position.

2. The adjustment device according to claim 1, [characterized in that] **wherein** the cutter [(S; S1, S2)] and the pressure chamber [(DK; DK1; DK2; 4; 104; 204; 304; 404; 504; 604)] are arranged in alignment in the adjustment direction [(R; R1, R2)].

[2.] **3.** The adjustment device according to claim 1, [characterized in that] **wherein** the length (LD) of the pressure chamber [(DK; DK1, DK2)] in the orthogonal direction to the adjustment direction [(R; R1, R2)] corresponds essentially to the length (LS) of the cutter [(S)].

[3.] **4.** The adjustment device according to claim 1, [characterized in that] **wherein** the length of the pressure chamber [(4; 104; 204; 304; 404; 504; 604)] in the orthogonal direction to the adjustment direction [(R; R1, R2)] is limited to the region of the tool corner.

[4.] 5. The adjustment device according to [one of the preceding claims] claim 1, [characterized in that] wherein the elastic deformation [(dK)] between the pressure chamber [(DK)] and the cutter [(S)] lies in the size range of the cutter adjustment [(dS)].

[5.] 6. The adjustment device according to [one of the preceding claims] claim 1, [characterized in that] wherein the pressure transfer means is an at least approximately incompressible fluid.

[6.] 7. The adjustment device according to [one of the] claim[s] 1 [to 4], [characterized in that] wherein the pressure transfer means is a plastic bush which is [usable []insertable[]] in the pressure chamber.

[7.] 8. The adjustment device according to [one of the preceding claims] claim 1, [characterized in that] wherein the pressure generation device includes a screw which can be screwed into a blind threaded hole [(10; 210; 211; 310; 410)].

[8.] 9. The adjustment device according to claim [7] 8, [characterized in that] wherein the blind threaded hole is separated by an axial distance from the pressure chamber [(4; 104; 204; 304; 404; 504)] and is connected to it via connecting channels [(20; 120; 220; 221; 320; 420)].

[9.] 10. The adjustment device according to claim [7 or] 8, [characterized by] comprising a characteristic diagram which provides a predetermined relationship between an input quantity of the pressure generation device [(10; 210, 211; 310; 410)] and the resulting positional adjustment [(dS)] of the cutter.

[10.] 11. The adjustment device according to [one of the preceding claims] claim 1,

[characterized in that] wherein the position of the cutter [(S; S1, S2)] is adjustable in the radial direction.

[11.] 12. The adjustment device according to [one of the preceding claims] claim 1, [characterized in that] wherein the pressure chamber (4; 304; 404; 504; 604) is formed with a ring shape.

[12] 13. The adjustment device according to [one of the] claim[s] 1 [to 10], [characterized in that] wherein the extension of the pressure chamber [(104; 204)] is limited in the circumferential direction locally to the region of the cutter [(S)].

[13.] 14. The adjustment device according to one of the claims 1 [to 12], [characterized in that] wherein the cutter support is a tool mounting basic element [(300)].

[14.] 15. The adjustment device according to one of the claims 1 [to 12], [characterized in that] wherein the cutter support is a ring [(6; 506; 606)] which can be slid onto a tool mounting basic element [(400; 500)], particularly a tool clamping mandrel or a clamping mandrel / clamping chuck combination [(400; 500)].

[15.] 16. The adjustment device according to claim [14] 15, [characterized in that] wherein an attachment [(14; 16)] of the cutter support ring [(6; 506; 606)] on the basic element [(400; 500)] is provided, particularly by means of solder accommodated in circumferential grooves [(14)].

[16.] 17. The adjustment device according to claim [14 or] 15, [characterized in that] wherein the pressure chamber [(606)] is molded entirely into the cutter support ring [(606)], the pressure chamber [(606)] being fillable via connecting channels [(620)] with the pressure transfer means.

[17.] **18.** The adjustment device according to claim [14 or] 15, [characterized in that] wherein the pressure chamber [(6; 506)] is bounded by basic element [(1; 2)] and cutter support ring [(6;7)] applied thereupon and a gap between basic element and slid-on cutter support ring[(6; 506)] is sealed against leakage of the pressure transfer means [(40, 30; 15)].

[18.] **19.** An adjustment device [, particularly for a step fine machining tool,] according to [one of the claims 13 to 17] claim 14, [characterized in that] wherein the tool mounting basic element [(400; 500)] has an additional central tool holder [(12)] with an assigned expansion chuck [(8, 18)].

[19.] **20.** The adjustment device according to claim [18] 19, [characterized in that] wherein the pressure chamber of the adjustment device serves at the same time as a pressure chamber of the expansion chuck.

[20.] **21.** The adjustment device according to claim [18] 19, characterized in that the adjustment device and the expansion chuck have separate pressure chambers [(17, 304; 18, 504)] which have a pressure coupling [(320, 321; 19)].

[21.] **22.** The adjustment device according to claim [18] 19, [characterized in that] wherein the adjustment device and the expansion chuck have separate pressure chambers [(18, 404)] which can be placed under pressure independently of one another.

[22.] **23.** A fine machining tool [, particularly a reamer,characterized by] comprising an adjustment device according to [one of the preceding claims] claim 1.